Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 17 Jul 2022 until 23:59 on Monday 18 Jul 2022

Forecast Issued on Sunday 17 Jul 2022 at 03:14

Confidence: High for the very high temperatures and settled weather to start. Low for the timing and details of the change to cooler and more unsettled weather from midweek.

Headline for Sunday 17 Jul 2022: Dry, very warm and bright with very high UV levels.

Mountain weather hazards on Sunday 17 Jul 2022

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Cloudy	Sunny intervals	Sunny	Sunny	Cloudy
Precipitation probability					
40%	20%	00%	00%	00%	00%

Forecast for Sunday 17 Jul 2022

Weather: Patchy rain initially but soon becoming dry as cloud gradually thins, allowing sunny spells to develop and temperatures to rise, become very warm into the afternoon.

Chance of cloud-free hill tops above 600m: 100%

Low cloud and visibility: Cloud bases well above summits, with good visibility across the range.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Forecast for Sunday 17 Jul 2022

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/18 S	14/18 SW	16/22 SW	17/23 SW	13/19 SW	14/19 SW	17/27 SW
300	11/19 S	11/15 SW	14/20 SW	14/20 SW	10/17 SW	10/16 S	11/20 S
Valley	4/14 SE	7/13 SW	10/19 SW	10/19 SW	7/16 W	4/12 S	6/20 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/15	19/16	22/18	24/20	24/22	22/19	20/16
300	20/17	22/19	24/21	27/24	27/25	24/22	22/19
Valley	18/18	22/21	26/24	28/26	27/26	22/22	20/19
Freezing Level*	3700m	3700m	3500m	3400m	3300m	3300m	3600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong sunshine and high temperatures likely into the afternoon despite patchy cloud cover, with adequate sun protection and hydration essential.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 17 Jul 2022	0mm	0mm	0mm

Forecast for Monday 18 Jul 2022

Weather: Dry throughout with patchy overnight cloud clearing to give strong sunshine into the afternoon, which in combination with light winds will give some very high temperatures.

Maximum wind: South-westerly 10-15mph.

Chance of cloud-free hill tops above 600m: 95%

Low cloud and visibility: Cloud bases well above summits, with good visibility across the range.

Temperature: **Valleys:** 18C increasing to 32 C
At 600m: 19C increasing to 30 C
Freezing level: Above the summits

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